

ABSTRACT OF THE DISCLOSURE

A portable testing device for comparing one reflective part with another to determine whether the reflective part has met quality standards is presented. The portable reflex comparator includes a light source for directing a beam of light to a lock-in amplifier and to a collimating lens. The collimating lens directs light to a reflex part to be tested, for example, one being manufactured by an injection molding machine to be used as an automotive lens. A light beam is reflected back out of the reflective part, through the collimating lens where it converges to the focal plane where it is processed by the amplifier. A voltmeter produces a reading for the operator to see whether the production part meets a certain standardized value.